

IN THE CLAIMS:

The following is a complete listing of claims in this application.

Claims 1-14 (canceled).

15. (new) Device for injecting a treatment gas into a molten metal contained in a tank, the device being constructed and arranged to be fixed to a wall of the tank and comprising:

at least one injection nozzle equipped with an end hole within the tank for injection of gas therein; and

a mobile means maneuverable from outside the injection device and the tank, and capable of unblocking the end hole of the nozzle,

the mobile means comprising a rod which is free to slide within the nozzle from a first position in which the rod is set back from the end hole so as to enable passage of the treatment gas, to a second position in which the rod unblocks the end hole,

wherein the rod comprises a first end of a size dimensioned for unblocking the end hole, a second end of a size dimensioned to interact with the nozzle to maintain leak-tightness, and a manual control device attached to the second end.

16. (new) Injection device according to claim 15, wherein the mobile means is dimensioned for passing through the end hole.

17. (new) Injection device according to claim 15, wherein, in the second position, the rod emerges beyond the end hole.

18. (new) Injection device according to claim 15, wherein the manual control device comprises a handle.

19. (new) Injection device according to claims 15, additionally comprising an elastic element which holds the rod in the first position.

20. (new) Injection device according to claim 15, additionally comprising an automated control device connected to the rod.

21. (new) Injection device according to claim 15, wherein the nozzle comprises at least one rod guidance means.

22. (new) Injection device according to claim 21, wherein the rod guidance means comprises a ring presenting a central hole and peripheral holes.

23. (new) Injection device according to claim 15, wherein the rod has a diameter decreasing from the second end to the first end.

24. (new) Injection device according to claim 15, additionally comprising elastic means which maintains the rod in the first position, wherein exertion of pressure on the manual control device moves the rod into the second position for unblocking the end hole.

25. (new) Treatment tank for molten metal, comprising at least one gas injection device according to claim 1.